



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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2-11

AGRICULTURAL NEWS: Very unsettled weather this week included some severe weather early in the week. At least one tornado touched down in central Kentucky, but no damage to crops or farm structures was reported. High winds did some damage to buildings in central Kentucky. Warm temperatures followed the severe weather allowing farmers to make good progress preparing ground, applying fertilizer, and planting corn in the southern and western areas of the state. Temperatures averaged 62 degrees, 9 degrees above normal and 18 degrees warmer than the previous week. However, below freezing temperatures were recorded in the southeast. Rainfall amounts for the week were well above normal with precipitation ranging from .76 to 4.18 inches with an average of 1.68 inches statewide. **Topsoil moisture** was rated 3 percent short, 70 percent adequate and 27 percent surplus. **Subsoil moisture** was rated 11 percent short, 74 percent adequate and 15 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven. Fruit trees were 62 percent in bloom. Wet and windy conditions caused some pollination problems, and some limited damage may occur as a result of the below freezing temperatures early in the week.

TOBACCO: As of April 10, 75 percent of the greenhouse and plant bed seedings had been completed compared with 79 percent last year and the five year average of 80. About 50 percent of the transplants had emerged, ahead of 39 percent last year and 47 percent for the five year average.

CROPS AND PASTURE: **Corn** seeding was 5 percent complete as of Sunday, April 10, compared with 9 percent a year ago and the five year average of 11. Farmers are waiting for soil temperatures to rise and soil to dry out before seeding becomes general. Fall seeded **wheat** was in mostly good to excellent condition. Average height of wheat was estimated at 12 inches. Condition of the wheat crop was rated 1 percent very poor, 2 percent poor, 17 percent fair, 51 percent good and 29 percent excellent. **Pastures** benefited from moisture and warm weather. Current pasture condition was reported as mostly fair to good with 4 percent very poor, 12 percent poor, 35 percent fair, 37 percent good, and 12 percent excellent.

CROP PROGRESS for week ending 04/10/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	75	60	79	80
Emerged	50	NA	39	47
Corn Planted	5	NA	9	11

SOIL MOISTURE for week ending 04/10/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	3	70	27
Subsoil	0	11	74	15

CROP CONDITIONS for week ending 04/10/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	2	17	51	29
Pasture	4	12	35	37	12

KENTUCKY WEATHER SUMMARY, APRIL 4 - 10, 2011:

Above Normal Temperature and Above Normal Rainfall:

Unlike the prior week, this past week was a shot of spring. The past week started off with a strong cold front passing through the Commonwealth. The front brought widespread heavy rainfall as well as some severe weather. Through the middle and end of the week temperatures continued to rise, having reached the upper 80s by Sunday. Another shot of rainfall and severe weather moved through the Central, Bluegrass, and Eastern regions of the state as well on Sunday.

Temperatures for the period averaged 62 degrees across the state which was 9 degrees warmer than normal and 18 degrees warmer than the previous period. High temperatures averaged from 76 in the West to 73 in the East. Departure from normal high temperatures ranged from 9 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 53 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 10 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at Booneville and the extreme low was 27 degrees at Paintsville.

Rainfall for the period totaled 1.68 inches statewide which was 0.69 inches above normal and 170% of normal. Rainfall totals by climate division, West 0.99 inches, Central 1.58 inches, Bluegrass 1.91 inches and East 2.24 inches, which was -0.12, 0.56, 1.01 and 1.31 inches respectively from normal. By station, rainfall totals ranged from a low of 0.76 inches at Mayfield to a high of 4.18 inches at Quicksand.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 10, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	1.57	14.15	+2.39	67	49	84	37	62.1	+9
Berea	2.18	14.53	+3.06	65	49	85	31	60.9	+9
Bowling Green	0.96	13.71	-0.78	65	49	89	40	64.5	+11
Bristol	2.16	14.90	+3.43	63	44	85	38	63.7	+12
Buckhorn Lake	2.10	13.43	+0.71	63	44	86	33	60.9	+9
Cape Girardeau	0.29	11.09	-1.64	65	49	86	33	63.2	+7
Campbellsville	1.95	15.69	+1.58	65	49	85	38	62.2	+9
Covington	1.66	13.70	+2.93	61	45	85	36	59.0	+7
Cumberland Gap	1.90	16.92	+2.18	65	49	87	30	60.9	+9
Dix Dam	1.91	15.35	+3.22	65	49	84	36	61.6	+10
Evansville	1.08	12.70	+0.87	65	49	85	38	63.7	+8
Glasgow	1.05	15.42	+0.79	65	49	85	38	63.3	+10
Grayson	2.73	13.86	+3.49	65	49	87	29	58.6	+7
Hardinsburg	1.89	14.15	+0.74	65	49	85	38	63.3	+10
Henderson	0.91	12.46	+0.16	65	49	86	39	63.0	+7
Huntington	2.28	13.14	+2.83	61	45	85	38	63.7	+12
Jackson	3.44	15.12	+2.52	65	49	88	36	62.7	+11
Lexington	1.78	14.96	+3.20	61	45	83	38	60.6	+9
London	1.52	13.85	+1.04	63	44	87	31	61.1	+9
Louisville	1.43	13.79	+1.56	67	49	90	41	65.1	+12
Mayfield	0.76	14.47	-0.99	65	49	87	37	65.1	+9
Nashville	1.26	13.60	-0.12	65	49	85	38	63.7	+10
Nolin Lake	1.20	13.47	-0.06	67	49	88	38	62.4	+9
Paducah	1.15	15.28	+1.52	65	49	86	36	65.3	+9
Princeton	1.41	15.01	+0.24	65	45	87	36	64.1	+8
Quicksand	4.18	15.68	+3.08	65	49	88	29	60.4	+8
Somerset	1.92	15.35	+1.81	63	44	85	35	62.3	+10
Spindletop	1.66	14.92	+3.16	61	45	84	38	59.6	+8
Williamstown	1.80	12.40	+1.01	65	49	84	36	60.0	+8

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwgcx.uky.edu/>